

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Viorica Lopez-Avila, David Hirschberg

Serial No.: Unassigned

Examiner: Unassigned

Filing Date: Herewith

Group Art Unit: N/A

Title: Methods and Compositions for Assessing A Sample By MALDI Mass Spectrometry

COMMISSIONER FOR PATENTS  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:  
☐ Statement under 37 CFR 1.97(e), or  
☐ a \$180.00 Processing fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:  
☐ Statement under 37 CFR 1.97(e), and  
☐ a \$180.00 processing fee under 37 CFR 1.17(p).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account **50-1078** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **50-1078** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449. References identified with an asterisk (\*) were disclosed in Patent Application No. \_\_\_\_\_ filed \_\_\_\_\_, now U. S. Patent No. \_\_\_\_\_, and, as such, copies thereof are not included pursuant to the provisions of 37 CFR 1.98(d).

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

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Date of Deposit **02-18-2004**

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

By

Typed Name: Donna Macedo

Respectfully submitted,

**Viorica Lopez-Avila, David Hirschberg**

By

**Bret Field for Mike Beck**

Attorney/Agent for Applicant(s)  
Reg. No. **37,620**

Date: **02-18-2004**

Telephone No.: **(650) 485-3864**

<b>Form PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	<b>ATTORNEY DOCKET NO.</b> 10031188-1	<b>SERIAL NO.</b> Unassigned
	<b>APPLICANT</b> Lopez-Avila	
	<b>FILING DATE</b> Herewith	<b>GROUP</b> C N/A

**REFERENCE DESIGNATION**
**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME
		US20010014461	August 16, 2001	Hutchens et al.
		US20010019829	September 6, 2001	Nelson et al.
		US20020137106	September 26, 2002	Leung et al.
		US20020142343	October 3, 2002	Hutchens et al.
		US20020150927	October 17, 2002	Matray et al.
		US20020155509	October 24, 2002	Hutchens et al.
		US20020177242	November 28, 2002	Hutchens et al.
		US20020182649	December 5, 2002	Weinberger et al.
		US20020195555	December 26, 2002	Weinberger et al.
		US20030077616	April 24, 2003	Lomas

**FOREIGN PATENT DOCUMENT**

		DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
					YES	NO

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

		HENDRIK NEUBERT et al. "Enhanced Affinity Capture MALDI-TOF MS: Orientation of an Immunoglobulin G Using Recombinant Protein G" Anal Chem. 2002, 74, 3677-3686

EXAMINER	DATE CONSIDERED
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\* Copies of these references are not enclosed Pursuant to 37 CFR 1.98(d). (See accompanying IDS)

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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME
		US20030096224	May 22, 2003	Hutchens et al.
		US20030219731	November 27, 2003	Weinberger et al.
		US20030027216	February 6, 2003	Kiernan et al.
		6,197,599	March 6, 2001	Chin et al.
		6,365,418	April 2, 2002	Wagner et al.
		6,569,383	May 27, 2003	Nelson et al.
		6,630,358	October 7, 2003	Wagner et al.

**FOREIGN PATENT DOCUMENT**

		DOCUMENT NUMBER	DATE	NAME	TRANSLATION YES	NO

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**


<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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